

Message

---

**From:** Lindstrom, Andrew [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=04BF7CF26AA44CE29763FBC1C1B2338E-LINDSTROM, ANDREW]  
**Sent:** 9/10/2019 11:37:14 AM  
**To:** Washington, John [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fdc3e8ce9f1d45c4894881ff420ca104-Washington, John]; Tadesse, Haile [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=114d2e5f74bf4c958eff767e15479552-Tadesse, Ha]  
**CC:** Pilant, Drew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=c9669a68dabb4704bdd7c2eb85f998b2-Pilant, Drew]  
**Subject:** RE: Updated data

All,

Yes, log transformation is the way to go here.

Thank you,

Andy

---

**From:** Washington, John <Washington.John@epa.gov>  
**Sent:** Friday, September 6, 2019 4:03 PM  
**To:** Tadesse, Haile <tadesse.haile@epa.gov>  
**Cc:** Pilant, Drew <Pilant.Drew@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>  
**Subject:** Re: Updated data

Great thanks Haile.

I am doing that too.

## Ex. 5 Deliberative Process (DP)

---

**From:** Tadesse, Haile <tadesse.haile@epa.gov>  
**Sent:** Friday, September 6, 2019 3:55 PM  
**To:** Washington, John <Washington.John@epa.gov>  
**Cc:** Pilant, Drew <Pilant.Drew@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>  
**Subject:** RE: Updated data

Hi John,

I have attached distance and concentration graph for your review.

Nice weekend.

Haile

---

**From:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>  
**Sent:** Friday, September 6, 2019 3:19 PM  
**To:** Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>  
**Cc:** Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Subject:** Re: Updated data

This is great Haile! I already had calculated distances as well so this will be a great mutual check. Thanks very much!

---

**From:** Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>  
**Sent:** Friday, September 6, 2019 2:19 PM  
**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>  
**Cc:** Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Subject:** RE: Updated data

Hi John,

I checked the lat/long of Industry stacks using Google earth and the values you have are correct. I also calculated the distance from each facility using GIS and I have attached the results.

Best,

Haile

---

**From:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>  
**Sent:** Wednesday, September 4, 2019 8:43 PM  
**To:** Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>  
**Cc:** Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Subject:** Updated data

Hi Haile,

I am attaching the most up-to-date data for soils PFAS that I know of.

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

I just received an email from our QA person that she might have the soil CIPFPECA data QA'd this week or next week. I will keep you posted on this.

Thanks!

John

---

**From:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>  
**Sent:** Wednesday, September 4, 2019 2:45 PM  
**To:** Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>  
**Cc:** Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Subject:** Re: Introduction to GeoPlatform PFAS maps and brainstorm - email 2 of 2

Hi Haile,

Thanks for your time on the phone today.

As I mentioned, I understand that you probably have other pressing obligations/objectives, so I appreciate you entertaining trying to move the NJ mapping effort along during September. And I understand if other obligations preclude this.

So here are my thoughts (open to suggestions):

# Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Please do not hesitate to call me at all. It would be great if we can bang out a nice draft in September!

John

---

**From:** Washington, John  
**Sent:** Tuesday, September 3, 2019 8:31:47 AM  
**To:** Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>  
**Cc:** Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>  
**Subject:** FW: Introduction to GeoPlatform PFAS maps and brainstorm - email 2 of 2

Hi Haile,

Do you have time to talk today? I have a meeting that will take my time from 12:45 until 2:15, but otherwise I am open.

John

---

**From:** Washington, John  
**Sent:** Tuesday, September 3, 2019 8:29 AM  
**To:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>  
**Cc:** Schumacher, Brian <[Schumacher.Brian@epa.gov](mailto:Schumacher.Brian@epa.gov)>; Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>; Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>  
**Subject:** FW: Introduction to GeoPlatform PFAS maps and brainstorm - email 2 of 2

Hi Tim,

In response to your request, attached are recent working maps for New Jersey generated by Haile Tadesse. They are getting closer to our final product.

John

---

**From:** Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>

**Sent:** Thursday, June 27, 2019 4:07 PM

**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>

**Cc:** Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>

**Subject:** RE: Introduction to GeoPlatform PFAS maps and brainstorm

Dear All,

I have attached the modified maps for the soil data for your review. Please also verify the geographic coordinates for the water samples and let me know.

Best,

Haile

---

**From:** Washington, John

**Sent:** Wednesday, June 19, 2019 3:17 PM

**To:** Pilant, Drew <[Pilant.Drew@epa.gov](mailto:Pilant.Drew@epa.gov)>; Tadesse, Haile <[tadesse.haile@epa.gov](mailto:tadesse.haile@epa.gov)>

**Cc:** Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; McCord, James <[mccord.james@epa.gov](mailto:mccord.james@epa.gov)>

**Subject:** RE: Introduction to GeoPlatform PFAS maps and brainstorm

Hi Haile and Drew,

I am attaching Mark and James' NJ water CIPFECA data (from Kate Sullivan's draft NJ report) and the lat/long data (NJ sent me).

I have not reviewed the lat/long. It originally was delivered to me in northings/eastings for which I did not know the origin location, nor the units. I asked NJ to convert to lat/long and they did so in the attached files. Mark wanted NJ to confirm some locations in the past, so we will need to deal with this at some point. But Andy is planning to communicate with NJ in near future about our activities.

Haile don't feel pressure to process these water data for Monday unless you feel so inspired.

For general interest, I am attaching a News article from the journal Nature on nontargeted analyses for novel perfluoros, quoting Mark!

John

---

**From:** Pilant, Drew

**Sent:** Wednesday, June 19, 2019 3:04 PM

**To:** Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>

**Subject:** RE: Introduction to GeoPlatform PFAS maps and brainstorm

Sounds good, John. Is Monday too soon for Haile to update his NJ maps?

-----Original Appointment-----

**From:** Washington, John

**Sent:** Wednesday, June 19, 2019 3:03 PM

**To:** Pilant, Drew

**Cc:** Lindstrom, Andrew

**Subject:** Accepted: Introduction to GeoPlatform PFAS maps and brainstorm

**When:** Monday, June 24, 2019 11:00 AM-12:00 PM (UTC-05:00) Eastern Time (US & Canada).

**Where:** D340L

Hey Drew,

I am hoping we can spend most of this time on New Jersey unless it turns out to be easy. I am working intensively on a draft manuscript that I hope will include a version of this map and you as authors. I plan to send Haile and you Mark Strynar and James McCord's New Jersey water CIPFPECA data, as well as the lat/long NJ has reported for these samples. I just got off the phone with Mark and he is agreeable to all of this.

Thanks!

John